



SAN DIEGO MARKET

NETWORK VISION MMBTS LAUNCH VIA DIEGUENOS SD34XC580

COUNTY OF SAN DIEGO
2724 VIA DIEGUENOS
ALPINE, CALIFORNIA, 91901
LATITUDE: 32° 48' 51.012" N (32.81417000)
LONGITUDE: -116° 44' 12.012" W (-116.73667000)

CALIFORNIA STATE CODE COMPLIANCE

SPRINT PROPOSES THAT ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

CALIFORNIA FIRE CODE, 2010 EDITION
CALIFORNIA BUILDING CODE, 2010 EDITION
CALIFORNIA PLUMBING CODE, 2010 EDITION
CALIFORNIA MECHANICAL CODE, 2010 EDITION
CALIFORNIA ELECTRICAL CODE, 2010 EDITION
CALIFORNIA GREEN BUILDING CODE, 2010 EDITION

IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL.

ACCESSIBILITY REQUIREMENTS

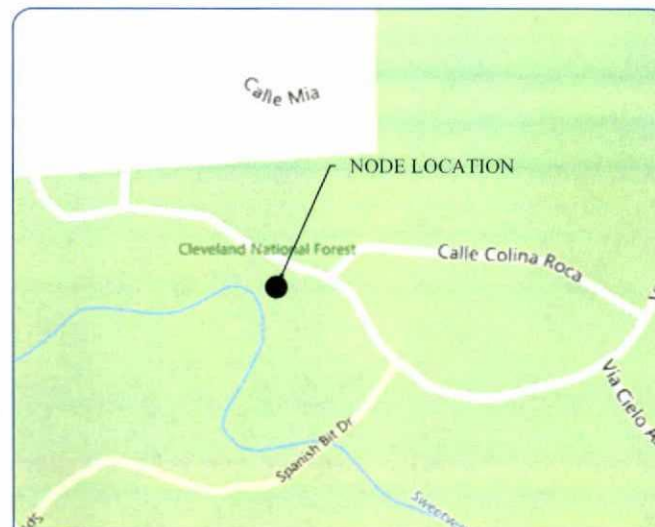
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED. IN ACCORDANCE WITH THE 2010 CALIFORNIA BUILDING CODE.



1-800-227-2600
CALL AT
LEAST TWO
DAYS BEFORE
YOU DIG

UNDERGROUND SERVICE ALERT
TICKET #

CODE BLOCK



VICINITY MAP

SPRINT PROPOSES TO MODIFY AN EXISTING UNMANNED TELECOMMUNICATIONS FACILITY

- EXISTING 4.0 COMPACT CABINET TO BE REMOVED & REPLACED WITH NEW BTS CABINET.
- EXISTING BATTERY CABINET TO BE REMOVED & REPLACED WITH NEW BBU CABINET.
- REPLACE EXISTING 50 AMP FUSE WITH NEW 100 AMP FUSE IN THE POWER CABINET.
- EXTEND CONCRETE SLAB & RETAINING WALL 7' 0"
- RAISE EXISTING RETAINING WALL TO 6' 6" HIGH.
- PLACE NEW H-FRAME ON EXTENDED CONCRETE SLAB
- INSTALL NEW (1) RRH & (1) JUNCTION BOX ON THE H-FRAME.

PROJECT DESCRIPTION

PROJECT ENGINEER:

COASTAL COMMUNICATIONS, INC.
3355 MISSION AVE.
SUITE 234
OCEANSIDE, CALIFORNIA 92058
CONTACT: TODD THIRW
PHONE: (760) 754-9240 EXT 101
EMAIL: TODD@COASTALCOMMINC.COM

SITE ACQUISITION MANAGER:

ALCATEL-LUCENT
9605 SCRANTON RD, SUITE 400
SAN DIEGO, CALIFORNIA 92121
CONTACT: ROBERT KREBS
PHONE: (858) 320-3191
EMAIL: ROBERT.KREBS@ALCATEL-LUCENT.COM

CONSTRUCTION MANAGER:

ALCATEL-LUCENT
9605 SCRANTON RD, SUITE 400
SAN DIEGO, CALIFORNIA 92121
CONTACT: ROB THOMPSON
PHONE: (858) 320-3112
EMAIL: ROB.THOMPSON@ALCATEL-LUCENT.COM

TELCO COMPANY:

AT&T
PHONE: (888) 944-0447

POWER COMPANY:

PHONE: (800) 336-7343

RF ENGINEER:

DARIUSH KHOSRAVI
EMAIL: DARIUSH.KHOSRAVI@ALCATEL-LUCENT.COM

APPLICANT:

COASTAL COMMUNICATIONS INC. ON BEHALF OF
ALCATEL-LUCENT FOR SPRINT PCS
9605 SCRANTON RD, SUITE 400
SAN DIEGO, CALIFORNIA 92121

PROPERTY OWNER:

COUNTY OF SAN DIEGO
2724 VIA DIEGUENOS
ALPINE, CALIFORNIA 91901

PROPERTY INFORMATION:

2724 VIA DIEGUENOS
ALPINE, CALIFORNIA 91901
ZONING CLASSIFICATION:
CALIFORNIA BUILDING CODE:
EXISTING CONSTRUCTION TYPE:
PROPOSED CONSTRUCTION TYPE:
EXISTING OCCUPANCY:
PROPOSED OCCUPANCY:
JURISDICTION: COUNTY OF SAN DIEGO
EXISTING USE: TELECOMMUNICATIONS FACILITY
PROPOSED USE: TELECOMMUNICATIONS FACILITY

PARCEL NUMBER:

NO PARCEL / PUBLIC RIGHT OF WAY

AREA OF PARCEL:

BEFORE CONSTRUCTION: 62.83 SQ. FT.
AFTER CONSTRUCTION: 96.66 SQ. FT.

PROJECT SUMMARY

APPROVAL	SIGNATURE	DATE
PROJECT MANAGER		
CONSTRUCTION MANAGER		
RF ENGINEER		
SITE ACQUISITION		
PLANNING CONSULTANT		
PROPERTY OWNER		
SPRINT REPRESENTATIVE		

PROJECT TEAM

FROM THE SAN DIEGO INTERNATIONAL AIRPORT:
DEPART FROM SAN DIEGO INT. AIRPORT
KEEP LEFT TOWARD N HARBOR DR
TURN LEFT ONTO HARBOR DR
TURN LEFT ONTO W GRAPES ST
TAKE RAMP RIGHT AND FOLLOW SIGNS FOR I-5 SOUTH
TAKE RAMP RIGHT AND FOLLOW SIGNS FOR CA-94
KEEP LEFT TOWARD CA-125 N
KEEP STRAIGHT ONTO CA-125 N
TAKE RAMP RIGHT AND FOLLOW SIGNS FOR I-8 EAST
AT EXIT 30, TAKE RAMP RIGHT FOR TAVERN RD TOWARD ALPINE
TURN RIGHT ONTO TAVERN RD
TURN LEFT ONTO S GRADE RD
TURN RIGHT ONTO VIA VIEJAS
TURN LEFT ONTO VIA BELOTA
TURN RIGHT ONTO VIA DIEGUENOS
ARRIVE AT 2724 VIA DIEGUENOS, ALPINE, CA 91901

DRIVING DIRECTIONS

APPLICANT:
COASTAL COMMUNICATIONS INC. ON BEHALF OF ALCATEL-LUCENT FOR SPRINT PCS 9605 SCRANTON RD, SUITE 400 SAN DIEGO, CALIFORNIA 92121
PROPERTY OWNER:
COUNTY OF SAN DIEGO 2724 VIA DIEGUENOS ALPINE, CALIFORNIA 91901
PROPERTY INFORMATION:
2724 VIA DIEGUENOS ALPINE, CALIFORNIA 91901
ZONING CLASSIFICATION: CALIFORNIA BUILDING CODE: EXISTING CONSTRUCTION TYPE: PROPOSED CONSTRUCTION TYPE: EXISTING OCCUPANCY: PROPOSED OCCUPANCY: JURISDICTION: COUNTY OF SAN DIEGO EXISTING USE: TELECOMMUNICATIONS FACILITY PROPOSED USE: TELECOMMUNICATIONS FACILITY
PARCEL NUMBER:
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RF ENGINEER:
DARIUSH KHOSRAVI EMAIL: DARIUSH.KHOSRAVI@ALCATEL-LUCENT.COM

PROJECT TEAM

THE DRAWINGS SHOWN IN THIS SET REPRESENTS THE CORRECT SCALE ONLY WHEN THESE DRAWINGS ARE PRINTED IN A 11" X 17" FORMAT. IF THIS DRAWING SET IS NOT 11" X 17", THIS SET IS NOT TO SCALE.

DRAWING SCALE



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ISSUED DATE:
01/31/2013

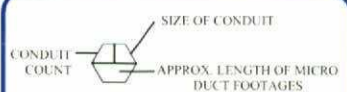
ISSUED FOR:
100% REVIEW

A	11/15/12	90% CD REVIEW	SEGI
B	01/31/13	100% CD REVIEW	SEGI

NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSE:
SDC PDS RCVD 03-29-13
ZAP02-004W1

SHEET TITLE:	TITLE SHEET
SHEET NUMBER:	T-1
REVISION:	B

[illegible]

AC	ASPHALT
ADG	LEADERSHIP
CI	CONTRACT
COF	CONFESSION
FL	PROFESSION
RS	REPRESENT
SL	STUDENT STUDENT

THE CONTRACTOR SHALL NOTIFY CARRIER OF ANY ERRORS, OMISSIONS, OR INCONSISTENCIES AS THEY MAY BE DISCOVERED IN PLANS, DOCUMENTS, NOTES, OR SPECIFICATIONS PRIOR TO STARTING CONSTRUCTION INCLUDING, BUT NOT LIMITED BY, DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY ERROR, OMISSION, OR INCONSISTENCY AFTER THE START OF CONSTRUCTION WHICH HAS NOT BEEN BROUGHT TO THE ATTENTION OF CARRIER CONSTRUCTION PROJECT MANAGER AND SHALL INCUR ANY EXPENSES TO RECTIFY THE SITUATION. THE MEANS OF CORRECTION ANY ERROR SHALL FIRST BE APPROVED BY THE CARRIER CONSTRUCTION PROJECT MANAGER.

2. PRIOR TO THE SUBMISSION OF BIDS, CONTRACTORS INVOLVED SHALL VISIT THE JOB SITE TO FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE PROJECT, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR HAVING BEEN AWARDED THIS PROJECT SHALL VISIT THE CONSTRUCTION SITE WITH THE CONSTRUCTION CONTRACT DOCUMENTS TO VERIFY FIELD CONDITIONS AND CONFIRM THAT THE PROJECT WILL BE ACCOMPLISHED AS SHOWN. PRIOR TO PROCEEDING WITH CONSTRUCTION, ANY ERRORS, OMISSIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEERS VERBALLY AND IN WRITING.

3. FOR COLLOCATIONS SITES: CONTACT OWNER REPRESENTATIVE FOR PARTICIPATION IN BID WALK.

4. THE ENGINEERS HAS MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. CONTRACTOR BIDDING THE JOB ARE NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND/OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS. THE BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE ENGINEER OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO SUBMISSION OF CONTRACTOR'S PROPOSAL. IN THE EVENT OF DISCREPANCIES, THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED OTHERWISE.

5. OWNER, CONTRACTOR, AND CARRIER CONSTRUCTION PROJECT MANAGER SHALL MEET JOINTLY TO VERIFY ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION.

6. THE GENERAL CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.

7. THE CONTRACTOR SHALL PERFORM WORK DURING PROPERTY OWNER'S PREFERRED HOURS TO AVOID DISTURBING NORMAL BUSINESS.

8. THE CONTRACTOR SHALL PROVIDE CARRIER PROPER INSURANCE CERTIFICATES NAMING CARRIER AS ADDITIONAL INSURED, AND CARRIER PROOF OF LICENSE(S) AND PE & PD INSURANCE.

9. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO MANUFACTURER'S/VENDERS SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.

10. ALL WORK PERFORMED ON THE PROJECT AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK.

11. THE CONTRACTOR SHALL STUDY THE STRUCTURAL, ELECTRICAL, AND MECHANICAL PLANS AND CROSS CHECK THERE DETAILS, NOTES, DIMENSIONS, AND ALL REQUIREMENTS PRIOR TO THE START OF ANY WORK.

12. THE REFERENCES ON THE DRAWINGS ARE FOR CONVENIENCE ONLY AND SHALL NOT LIMIT THE APPLICATION OF ANY DRAWING OR DETAIL.

13. ALL (E) CONSTRUCTION, EQUIPMENT, AND FINISHES NOTED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND WILL BE REMOVED FROM THE SITE WITH THE FOLLOWING EXCEPTIONS:

13.1. PROPERTY NOTED IN WRITING TO BE RETURNED TO THE OWNER.

13.2. PROPERTY NOTED IN WRITING TO BE REMOVED BY THE OWNER.

14. PRIOR TO THE POURING OF ANY NEW SLAB OVER AN (E) SLAB, THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL OPENINGS, CHASES, AND EQUIPMENT WHICH ARE TO BE INCORPORATED INTO THE NEW WORK. ALL ITEMS DESIGNATED TO BE ABANDONED SHALL BE NOTED AND DISCUSSED WITH THE OWNER AND CARRIER CONSTRUCTION MANAGER AS PART OF THE AS-BUILT DRAWING PACKAGE.

15. SEAL ALL PENETRATIONS THROUGH FIRE-RATED AREAS WITH U.L. LISTED OR FIRE MARSHALL APPROVED MATERIALS IF APPLICABLE TO THIS SITE.

16. BUILDING INSPECTORS AND/OR OTHER BUILDING OFFICIALS ARE TO BE NOTIFIED PRIOR TO ANY GRADING, CONSTRUCTION, AND ANY OTHER PROJECT EFFORT AS MANDATED BY THE GOVERNING AGENCY.

17. THE COMPLETED PROJECT SHALL COMPLY WITH LOCAL SECURITY CODES AND TITLE-24 ENERGY CONSERVATION REQUIREMENTS. (TITLE-24 WHEN APPLICABLE)

18. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT (E) SITE IMPROVEMENTS, HARDSCAPING, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.

19. CONTRACTOR SHALL KEEP GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION. CONTRACTOR SHALL REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OR PREMISES. SITE SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.

20. THE CONTRACTOR IS TO PROVIDE PROTECTION FOR ADJOINING PROPERTIES FROM PHYSICAL HARM, NOISE, DUST, DIRT, FIRE, AND FALLING OBJECTS AS REQUIRED BY THE GOVERNING AGENCIES.

21. THE CONTRACTOR IS RESPONSIBLE FOR THE STORAGE OF ALL BUILDING MATERIALS AND SHALL NOT DO SO ON PUBLIC PROPERTY WITHOUT A PERMIT FROM THE GOVERNING AGENCIES.

22. GENERAL NOTES AND STANDARD DETAILS ARE THE MINIMUM REQUIREMENTS TO BE USED IN CONDITIONS WHICH ARE NOT SPECIFICALLY SHOWN OTHERWISE.

23. CARRIER DOES NOT GUARANTEE ANY PRODUCTS, FIXTURES, AND/OR ANY EQUIPMENT NAMED BY A TRADE OR MANUFACTURER. GUARANTEE OR WARRANTY THAT MAY BE IN EFFECT IS DONE SO THROUGH THE COMPANY OR MANUFACTURER PROVIDING THE PRODUCT, FIXTURE, AND/OR EQUIPMENT ONLY. UNLESS SPECIFIC RESPONSIBILITY IS ALSO PROVIDED BY THE CONTRACTOR/SUBCONTRACTOR IN WRITTEN FORM.

24. CONTRACTOR TO REPORT ANY (E) UNDERGROUND UTILITIES ENCOUNTERED DURING TRENCHING AND GENERAL CONSTRUCTION.

25. CONTRACTOR TO REPLACE AND/OR REROUTE ANY (E) UNDERGROUND UTILITIES ENCOUNTERED DURING TRENCHING AND GENERAL CONSTRUCTION.

26. WHEN APPLICABLE, CONTRACTOR IS RESPONSIBLE TO CALL, COORDINATE AND/OR MAKE ARRANGEMENTS FOR RIGHT-OF-WAY AND/OR PRIVATE PROPERTY ACCESS BASED ON SPECIFIC SITE REQUIREMENTS.

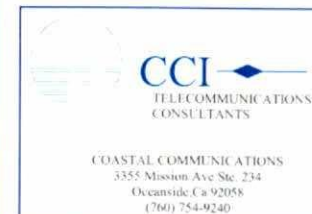
27. CONTRACTORS TO DOCUMENT ALL WORK PERFORMED WITH PHOTOGRAPHS AND SUBMIT TO CARRIER ALONG WITH REDLINED CONSTRUCTION SET.

28. CONTRACTOR SHALL DOCUMENT ALL CHANGES MADE IN THE FIELD BY MARKING UP (REDLINING) THE APPROVED CONSTRUCTION SET AND SUBMITTING THE REDLINED ALONG WITH PHOTOGRAPHS PER CARRIER REQUIREMENTS.

29. GENERAL CONTRACTOR IS TO COORDINATE ALL POWER INSTALLATION WITH POWER COMPANY AS REQUIRED. CONTRACTOR TO REPORT POWER INSTALLATION COORDINATION SOLUTION(S) TO NETWORK CARRIER REPRESENTATIVE, PROJECT CONSTRUCTION MANAGER AND ENGINEER.

30. ANY SUBSTITUTIONS OF MATERIALS AND/OR EQUIPMENT, MUST BE APPROVED BY CARRIER CONSTRUCTION MANAGER.

31. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REMEDY ALL FAULTY, INTERIOR, AND/OR IMPROPER MATERIALS, DAMAGED GOODS, AND/OR FAULTY WORKMANSHIP FOR ONE (1) YEAR AFTER THE PROJECT IS COMPLETE AND ACCEPTED UNDER THIS CONTRACT, UNLESS NOTED OTHERWISE IN THE CONTRACT BETWEEN THE OWNER AND THE CONTRACTOR (EXCEPTION: THE ROOFING SUBCONTRACTOR SHALL FURNISH A MAINTENANCE AGREEMENT FOR ALL WORK DONE, COSIGNED BY THE GENERAL CONTRACTOR, TO MAINTAIN THE ROOFING IN A WATERTIGHT CONDITION FOR A PERIOD OF TWO (2) YEARS STARTING AFTER THE DATE OF SUBSTANTIAL COMPLETION OF THE PROJECT, UNLESS OTHERWISE WRITTEN IN THE CONTRACT BETWEEN THE OWNER AND THE CONTRACTOR.
32. THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION FOR THE SAFETY OF THE OWNER'S EMPLOYEES AT ALL TIMES DURING THE CONSTRUCTION OF THE PROJECT.
33. CARRIER WILL REVIEW AND APPROVE SHOP DRAWINGS AND SAMPLES FOR CONFORMANCE WITH DESIGN CONCEPT. CARRIER PROJECT APPROVAL OF A SEPARATE ITEM SHALL NOT INCLUDE APPROVAL OF AN ASSEMBLY IN WHICH THE ITEM FUNCTIONS.
34. CONTRACTOR TO PROVIDE TRENCH AS REQUIRED TO INSTALL BOTH ELECTRICAL AND TELEPHONE UNDERGROUND CONDUITS (#40 PVC) PER S.C.E. WORK ORDER BACKFILL WITH CLEAN SAND AND COMPACT TO THE SATISFACTION OF THE DISTRICT INSPECTOR. REPLACE FINISH GRADE WITH MATCHING MATERIALS (GRASS, ASPHALT, CONCRETE, ETC.).
35. CONTRACTOR TO PROVIDE HEAVY STEEL PLATES AT OPEN TRENCHES FOR SAFETY AND TO PROTECT (E) GROUND SURFACES FROM HEAVY EQUIPMENT UTILIZED DURING CONSTRUCTION.
36. CONTRACTOR TO REPAIR ALL GROUND SURFACES WITHIN THE CONSTRUCTION AREA AS NECESSARY TO PROVIDE A UNIFORM SURFACE AND MAINTAIN (E) SURFACE DRAINAGE SLOPES.
37. CONTRACTOR TO REPLACE LANDSCAPE VEGETATION THAT WAS DAMAGED DUE TO CONSTRUCTION, AND TO MODIFY REMAINING IRRIGATION LINES TO OPERATING CONDITION, PROVIDING FULL COVERAGE TO IMPACTED AREAS.
38. THIS FACILITY IS AN UNMANNED CELLULAR TELEPHONE EQUIPMENT FACILITY. THE OCCUPANCY CLASSIFICATION IS B [2007 CBC, TITLE 24, PART 2, VOLUME 1, SECTION 311.3, AND SECTION 307.1 EXCEPTION #1].
39. THIS FACILITY IS EXEMPT FROM DISABLED ACCESSIBILITY REQUIREMENTS PER 2007 CBC SECTION 105B.3.4 EXCEPTION #1. THIS FACILITY IS NON-OCCUPIABLE SPACE AND ENTERED ONLY BY SERVICE PERSONNEL. THIS SPACE IS NOT FOR HUMAN OCCUPANCY.
40. THE CONTRACTOR SHALL VERIFY ALL (E) CONDITIONS AND DIMENSIONS PRIOR TO SUBMITTING THEIR BID. ANY DISCREPANCIES, CONFLICTS OR OMISSIONS SHALL BE REPORTED TO THE ENGINEER PRIOR TO SUBMITTING BIDS, AND PROCEEDING WITH ANY WORK.
41. THE CONTRACTOR SHALL NOTIFY ENGINEERS OF ANY ERRORS, OMISSIONS, OR DISCREPANCIES AS THEY MAY BE DISCOVERED IN THE PLANS, SPECIFICATIONS, & NOTES PRIOR TO STARTING CONSTRUCTION. INCLUDING BUT NOT LIMITED BY DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY ERRORS, OMISSION, OR INCONSISTENCY AFTER THE START OF CONSTRUCTION WHICH HAS NOT BEEN BROUGHT TO THE ATTENTION OF THE ENGINEER AND SHALL INCUR ANY EXPENSES TO RECTIFY THE SITUATION. THE METHOD OF CORRECTION SHALL BE APPROVED BY THE ENGINEER RESPONSIBLE OF THE PROJECT.
42. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR HAS THE RESPONSIBILITY TO LOCATE ALL (E) UTILITIES, WHETHER OR NOT SHOWN ON THE PLANS, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR OR SUBCONTRACTOR SHALL BEAR THE EXPENSE OF REPAIRING OR REPLACING ANY DAMAGE TO THE UTILITIES CAUSED DURING THE EXECUTION OF THE WORK. CONTACT USA DIA ALERT AT 1-800-227-2600.
43. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT ALL AREAS FROM DAMAGE WHICH MAY OCCUR DURING CONSTRUCTION. ANY DAMAGE TO NEW OR (E) SURFACES, STRUCTURES OR EQUIPMENT SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE PROPERTY OWNER. THE CONTRACTOR SHALL BEAR THE EXPENSE OF REPAIRING OR REPLACING ANY DAMAGED AREAS.
44. A COPY OF THE APPROVED PLANS SHALL BE KEPT IN A PLACE SPECIFIED BY THE GOVERNING AGENCY, AND BY LAW SHALL BE AVAILABLE FOR INSPECTION AT ALL TIMES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL CONSTRUCTION SETS REFLECT THE SAME INFORMATION AS THE APPROVED PLANS. THE CONTRACTOR SHALL ALSO MAINTAIN ONE SET OF PLANS AT THE SITE FOR THE PURPOSE OF DOCUMENTING ALL AS-BUILT CHANGES, REVISIONS, ADDENDA, OR CHANGE ORDERS. THE CONTRACTOR SHALL FORWARD THE AS-BUILT/HIRED DRAWINGS TO THE ARCHITECT OR THE ENGINEER RESPONSIBLE OF THE PROJECT AT THE CONCLUSION OF THE PROJECT.
45. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE WHILE THE WORK IS IN PROGRESS UNTIL THE JOB IS COMPLETE.
46. THE FACILITY IS RESPONSIBLE TO PROVIDE TEMPORARY POWER, WATER, AND TOILET FACILITIES AS REQUIRED BY THE PROPERTY OWNER OR GOVERNING AGENCY.
47. ALL CONSTRUCTION THROUGH THE PROJECT SHALL CONFORM TO THE LATEST C.B.C. AND ALL OTHER GOVERNING CODES, INCLUDING THE CALIFORNIA ADMINISTRATIVE CODES TITLE 8, 19, AND 24. THE MOST RESTRICTIVE CODE SHALL GOVERN.
48. THE CONTRACTOR AND SUBCONTRACTOR SHALL COMPLY WITH ALL LOCAL AND STATE REGULATIONS INCLUDING ALL OSHA REQUIREMENTS.
49. WHEN REQUIRED STORAGE OF MATERIALS OCCURS, THEY SHALL BE EVENLY DISTRIBUTED OVER THE SITE. TEMPORARY SHORING OR BRACING SHALL BE PROVIDED WHERE THE SOIL DOES NOT HAVE THE DESIGN STRENGTH FOR THE CONDITIONS PRESENT.
50. THE CONTRACTOR SHALL SUPERVISE AND COORDINATE ALL WORK, USING HIS PROFESSIONAL KNOWLEDGE AND SKILLS. HE IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES AND SEQUENCING AND COORDINATING ALL PORTIONS OF THE WORK UNDER THE PROJECT.
51. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AND PAY FOR ALL PERMITS, LICENSES, FEES AND INSPECTIONS WITH RESPECT TO THE WORK TO COMPLETE THE PROJECT. PERMIT APPLICATIONS SHALL BE FILED BY THE OWNER OR AUTHORIZED AGENT. CONTRACTOR SHALL OBTAIN THE PERMIT AND MAKE FINAL PAYMENT OF THE SAID DOCUMENT.
52. ALL DIMENSIONS TAKE PRECEDENCE OVER SCALE. DRAWINGS ARE NOT TO BE SCALED UNDER ANY CIRCUMSTANCES.
53. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING, HANGERS OR SUPPORTS FOR INSTALLATION OF ITEMS INDICATED ON THE DRAWINGS.
54. THE CONTRACTOR IS TO PROVIDE PORTABLE FIRE EXTINGUISHERS HAVING A MINIMUM 2A 10-B RATING WITHIN 75FT OF TRAVEL TO ALL PORTIONS OF THE CONSTRUCTION AREA. [2007 CFC SECTION 906.1-1 & AND SECTION 906.3(1)]
55. MATERIALS TESTING SHALL BE TO THE LATEST STANDARDS AVAILABLE AS REQUIRED BY THE LOCAL GOVERNING AGENCY RESPONSIBLE FOR APPROVING THE RESULTS.
56. ALL GENERAL NOTES AND STANDARD DETAILS ARE THE MINIMUM REQUIREMENTS TO BE IN CONDITIONS WHICH ARE NOT SPECIFICALLY SHOWN OTHERWISE.
57. ALL DEBRIS AND REFUSE IS TO BE REMOVED FROM THE PROJECT CONTINUOUSLY AND PREMISES SHALL BE LEFT IN A CLEAN BROOM FINISHED CONDITION AT ALL TIMES.
58. BUILDING INSPECTORS AND/OR OTHER BUILDING OFFICIALS ARE TO BE NOTIFIED PRIOR TO ANY GRADING AND CONSTRUCTION AS MANDATED BY THE GOVERNING AGENCY.
59. ALL SYMBOLS AND ABBREVIATIONS ARE CONSIDERED CONSTRUCTION INDUSTRY STANDARDS. IF CONTRACTOR HAS A QUESTION REGARDING THEIR EXACT MEANING, THE ENGINEER RESPONSIBLE FOR THE PROJECT SHALL BE NOTIFIED FOR CLARIFICATIONS.



PROJECT INFORMATION

NETWORK VISION MMBTS LAUNCH

VIA DIEGUENOS

SD34XC580

COUNTY OF SAN DIEGO
2724 VIA DIEGUENOS
ALPINE, CALIFORNIA 91901

ISSUED DATE
01/31/2013

100% REVIEW

A	11/15/12	90% CD REVIEW	SEC
B	01/31/13	100% CD REVIEW	SEC

NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSURE:

SHEET TITLE	
NOTES	
SHEET NUMBER	REVISION
T-2	B

(CONTINUE)

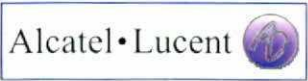
60. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETE INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, U/S, FORM WORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL ORDINANCES TO SAFETY. EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.
61. THE CONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK.
62. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THAT REQUIREMENT SHALL BE MADE TO APPLY. CONSTRUCTION CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.
63. SITE GROUNDING SHALL COMPLY WITH GROUNDING STANDARDS, LATEST EDITION AND COMPLY WITH GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT, THEY SHALL GOVERN.
64. ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION. IF TEMPORARY LIGHTING AND MARKING ARE REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION (FAA), IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE NECESSARY LIGHTS AND NOTIFY THE PROPER AUTHORITIES IN THE EVENT OF A PROBLEM.
65. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES OR ORDINANCES. THE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.
66. ANY DAMAGE TO ADJACENT PROPERTIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
67. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AMPLE NOTICE TO THE BUILDING INSPECTION DEPARTMENT TO SCHEDULE THE REQUIRED INSPECTIONS. A MINIMUM OF 24 HOURS OF NOTICE SHOULD BE GIVEN AND THE BUILDING INSPECTION DEPARTMENTS HAVE REQUESTED THAT GROUPS OF TWO OR THREE SITES BE SCHEDULED AT ONE TIME IF POSSIBLE.
68. THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF THE TOTAL BID PACKAGE PRIOR TO BID SUBMITTAL.
69. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.
70. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES. SILT AND EROSION CONTROL SHALL BE MAINTAINED ON THE DOWNSTREAM SIDE OF THE SITE AT ALL TIMES. ANY DAMAGE TO ADJACENT PROPERTIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
71. CLEARING OF TREES AND VEGETATION ON THE SITE SHOULD BE KEPT TO A MINIMUM. ONLY THE TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED. ANY DAMAGE TO TREES AND VEGETATION OUTSIDE THE LEASED PROPERTY SHALL BE REPAIRED BY THE CONTRACTOR.
72. ALL SUITABLE BORROW MATERIAL FOR BACKFILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOP SOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL.
73. SEEDING AND MULCHING OF THE SITE WILL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE SITE DEVELOPMENT. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING AN ADEQUATE COVER OF VEGETATION OVER THE SITE FOR A ONE-YEAR PERIOD.
74. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS, ETC., BETWEEN THE WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DRAWINGS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETION OF THE PROJECT.

EROSION AND SEDIMENT CONTROL NOTES:

- TEMPORARY EROSION/SEDIMENT CONTROL, PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW.
1. ALL REQUIREMENTS OF THE CITY OF SAN DIEGO "LAND DEVELOPMENT MANUAL, STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED PUBLIC IMPROVEMENTS CONSISTENT WITH THE EROSION CONTROL PLAN AND/OR WATER POLLUTION CONTROL PLAN (WPCP), IF APPLICABLE.
2. FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
3. THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
4. THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
5. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON.
6. THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OR RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
7. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
8. ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED IMPROVEMENT PLAN SHALL BE INCORPORATED HEREON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
9. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
10. THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR IF ANY, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURES AND OTHER RELATED CONSTRUCTION ACTIVITIES.

NOTES:

1. CONTRACTOR TO POTHOLE ALL UTILITY CROSSINGS.
2. CONTRACTOR TO PLACE SANDBAGS AROUND ANY ALL STORM DRAIN INLETS TO PREVENT CONTAMINATED WATER.
3. SPOILS PILE WILL BE COVERED AND CONTAINED AND STREET WILL BE SWEEPED AND CLEANED AS NEEDED.
4. CONTRACTOR TO REPAIR DAMAGED PUBLIC IMPROVEMENTS TO THE SATISFACTION OF THE CITY ENGINEER.
5. CURB & GUTTER TO BE PROTECTED IN PLACE. SIDEWALK TO BE REPLACED TO THE SATISFACTION OF THE CITY ENGINEER.
6. THE CONTRACTOR SHALL RESTORE THE ROADWAY BACK TO ITS ORIGINAL CONDITION SATISFACTORY TO THE CITY ENGINEER INCLUDING, BUT NOT LIMITED TO PAVING, STRIPING, BIKE LANES, PAVEMENT LEGENDS, SIGNS, AND TRAFFIC LOOP DETECTORS.
7. SIDEWALK SHALL BE RESTORED/REPLACED PER CITY OF SAN DIEGO STANDARD DRAWINGS G7, G9, G10, G11 & SDG100.
8. PEDESTRIAN RAMP WILL NOT BE DISTURBED.



PROJECT INFORMATION

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SD34XC580

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SHEET TITLE:

NOTES

SHEET NUMBER:	REVISION:
T-3	B



CCI
TELECOMMUNICATIONS
CONSULTANTS

COASTAL COMMUNICATIONS
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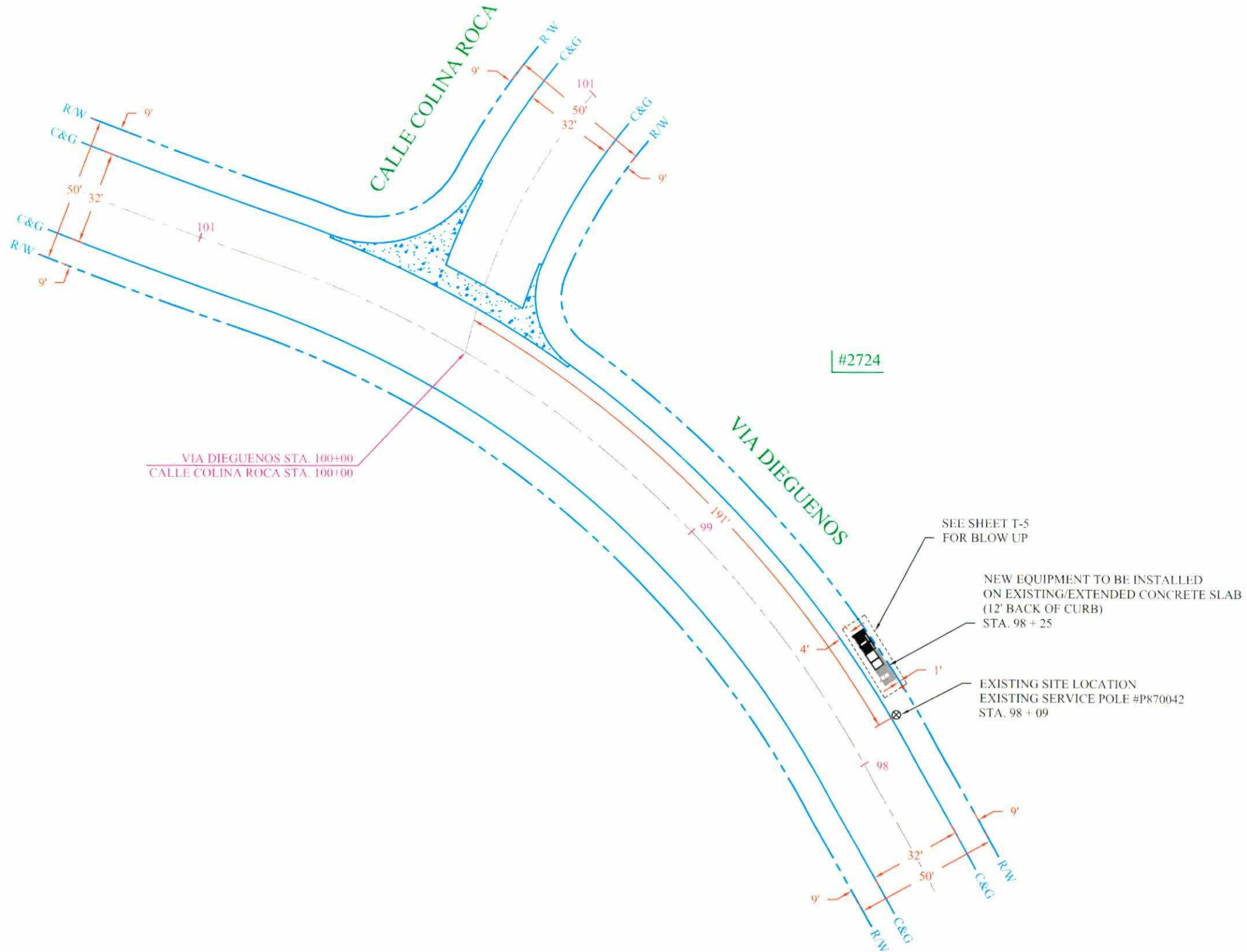
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SHEET TITLE

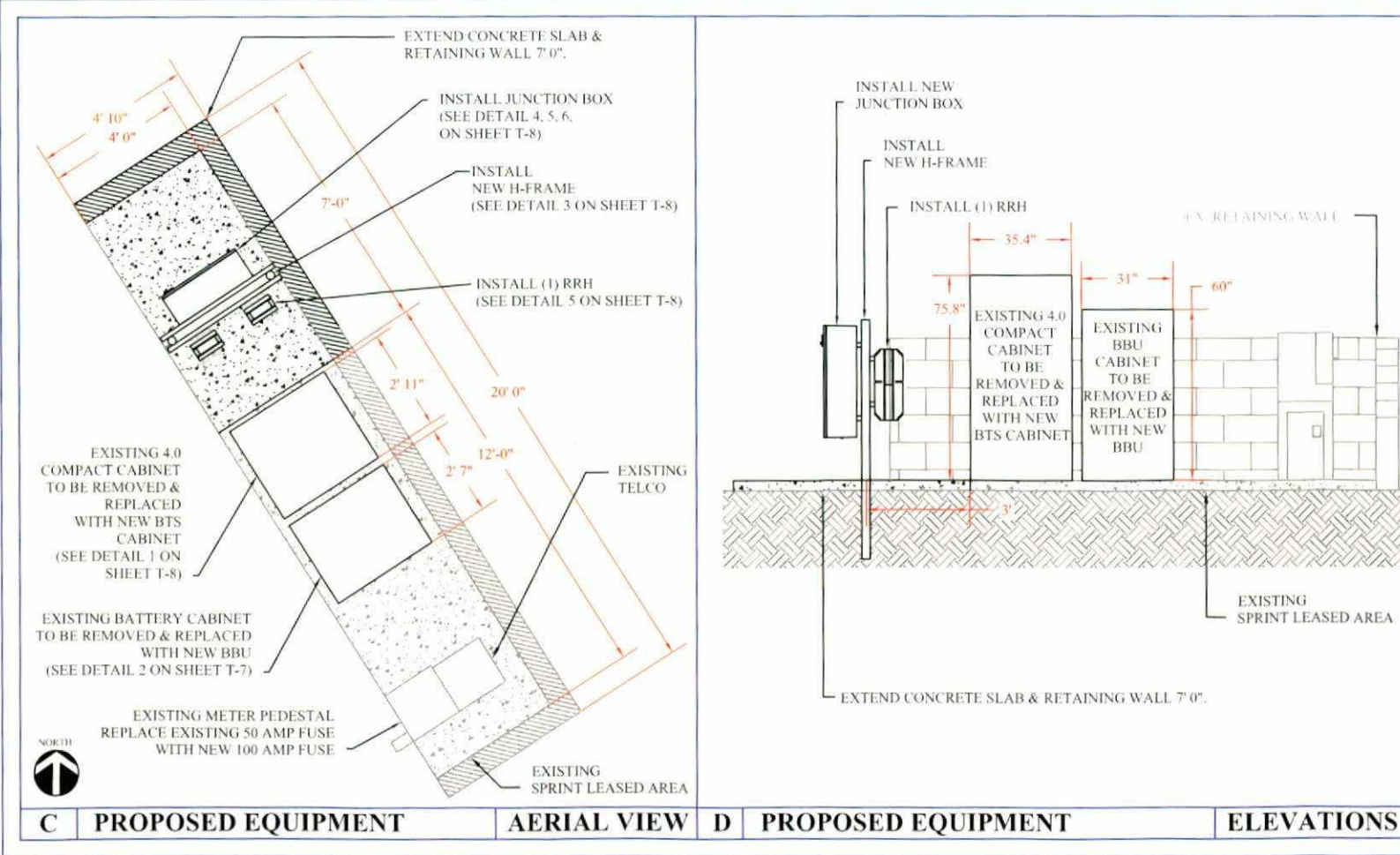
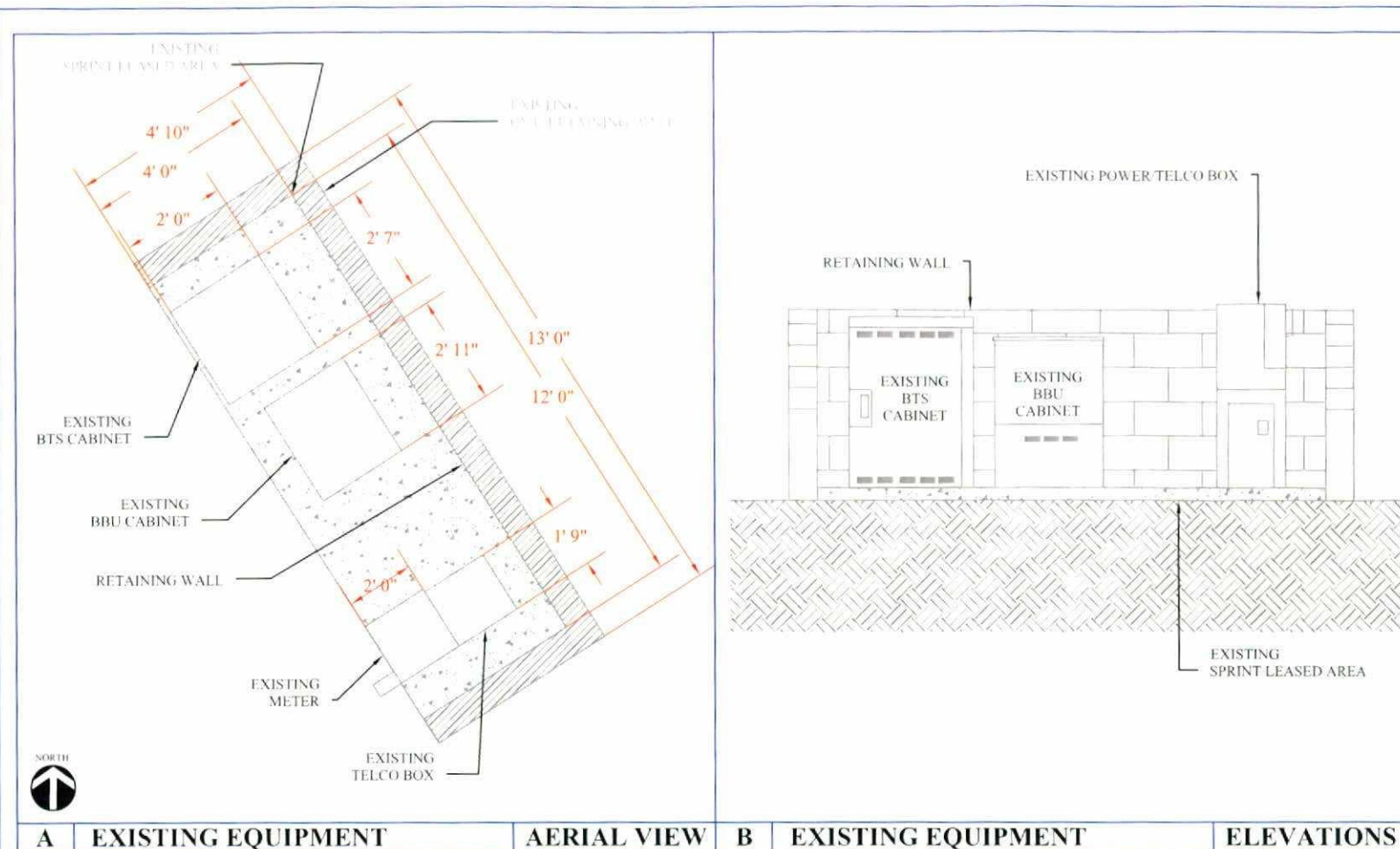
SITE PLAN

SHEET NUMBER	REVISION
T-4	B



NORTH

SCALE: 1" = 40'



MAKE READY

EQUIPMENT PLACEMENT

NEW CONSTRUCTION

EXISTING 4.0 COMPACT CABINET TO BE REMOVED & REPLACED WITH NEW BTS CABINET.
 EXISTING BATTERY CABINET TO BE REMOVED & REPLACED WITH NEW BBU CABINET.
 REPLACE EXISTING 50 AMP FUSE WITH NEW 100 AMP FUSE IN THE POWER CABINET.
 EXTEND CONCRETE SLAB & RETAINING WALL 7' 0"
 RAISE EXISTING RETAINING WALL TO 6' 6" HIGH.
 PLACE NEW H-FRAME ON EXTENDED CONCRETE SLAB.
 INSTALL NEW (1) RRH & (1) JUNCTION BOX ON THE H-FRAME.



E EQUIPMENT PHOTO 12 O'CLOCK VIEW



F EQUIPMENT PHOTO 9 O'CLOCK VIEW

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EXISTING & PROPOSED EQUIPMENT PLAN	
SHEET NUMBER:	REVISION:
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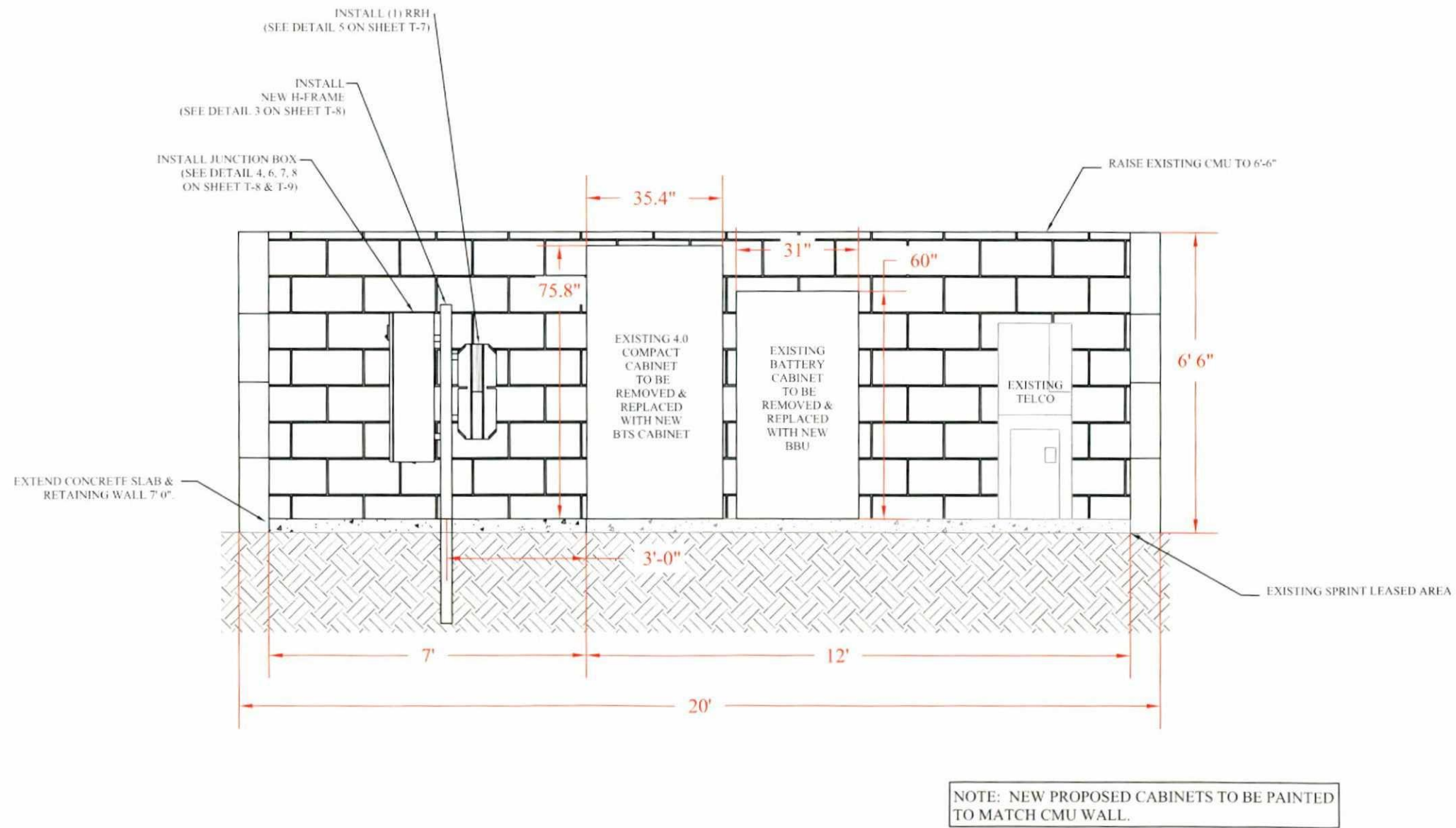
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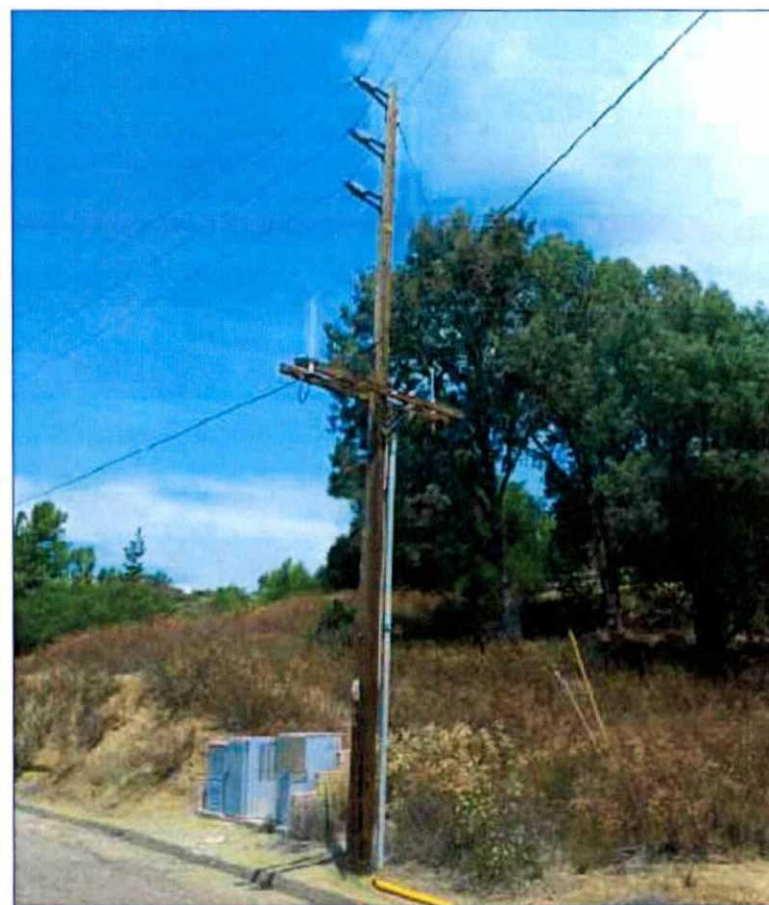
CMU ELEVATION

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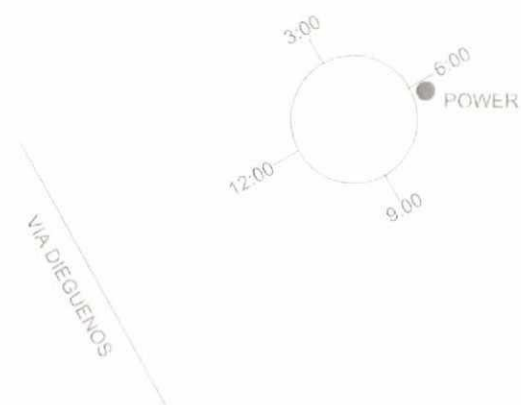
A DIGITAL PHOTO 1 O'CLOCK VIEW



B DIGITAL PHOTO 10 O'CLOCK VIEW

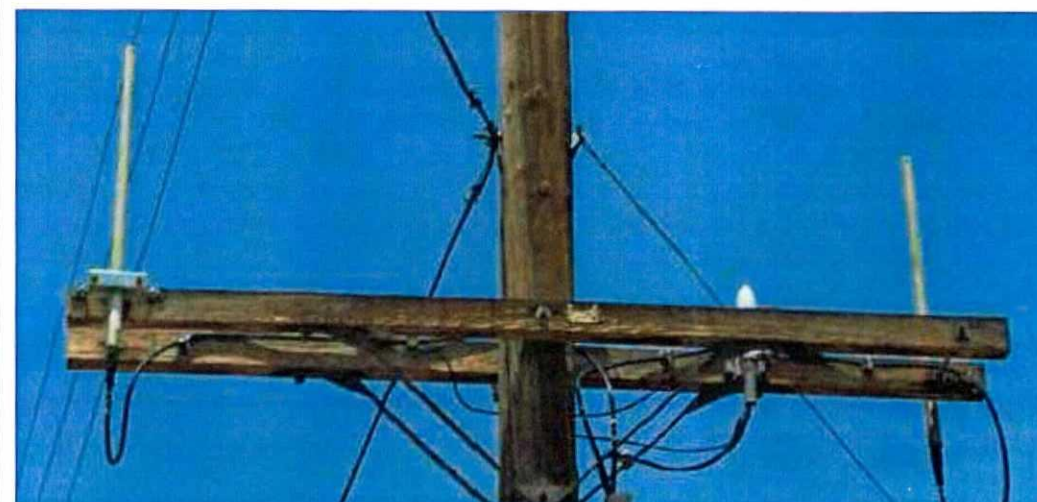


C POLE #P33503 9 O'CLOCK VIEW

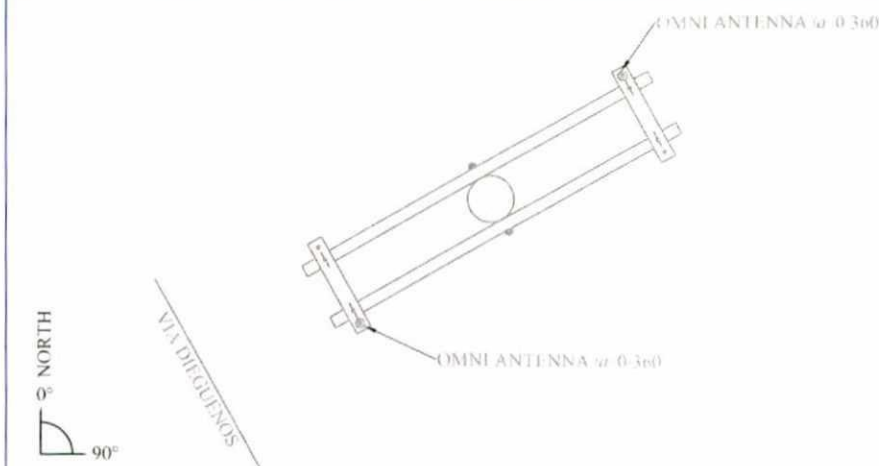


D RISER DETAIL

MAKE READY	
UTILITY POLE	
NEW CONSTRUCTION	
NONE	
NOTES:	
TOP OF POLE: 37'-6"	
ANTENNA TYPE: OMNI	



E ANTENNA PHOTO



F ANTENNA ORIENTATION



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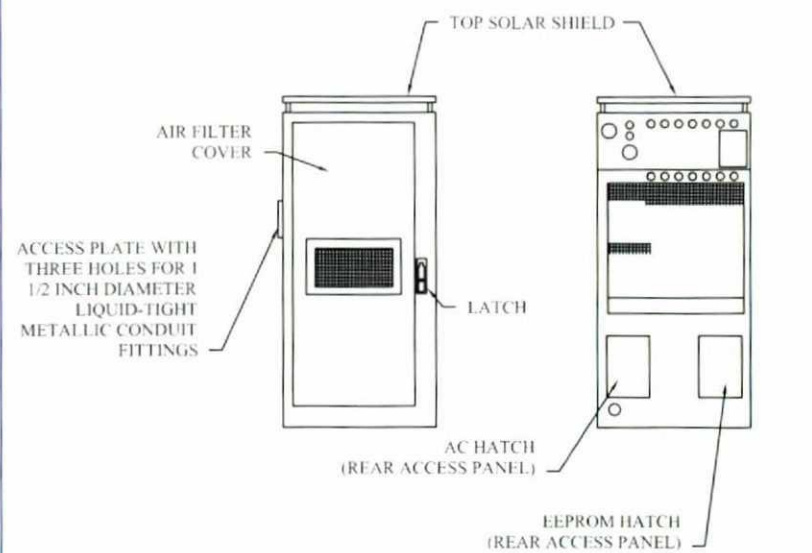
LICENSURE:

SHEET TITLE
EXISTING
ANTENNA PLAN

SHEET NUMBER: REVISION:

T-7 B

9928 DISTRIBUTED BTS



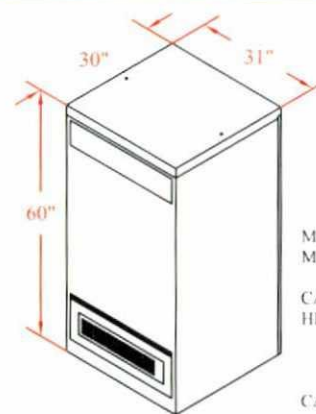
FRONT VIEW

REAR VIEW

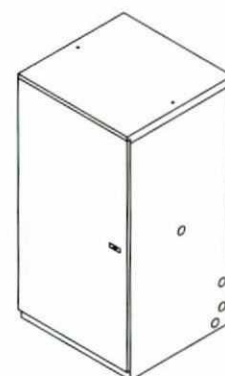
REFERENCE DIMENSIONS (WIDTH X DEPTH X HEIGHT)
900 mm X 960 mm X 1925 mm
(35.4 INCHES X 37.8 INCHES X 75.8 INCHES)

1

BATTERY BACKUP CABINET



REAR



FRONT

MANUFACTURER: ANDREW (COMSCOPE)
MODEL 60ECv2

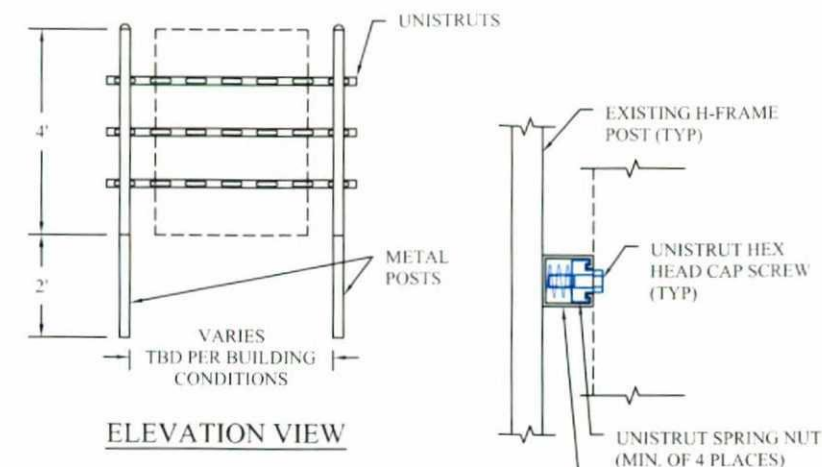
CABINET DIMENSIONS:
HEIGHT: 60 IN. (152.4 CM)
WIDTH: 31 IN. (78.7 CM)
DEPTH: 30 IN. (76.2 CM)

CABINET OPERATING TEMPERATURE RANGE:
-40°C TO 46°C

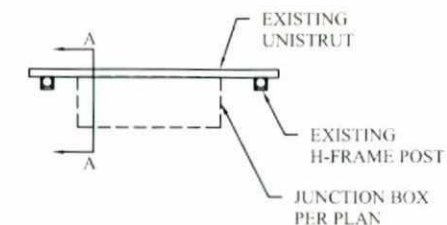
WEIGHT:
CABINET: 425#
BATTERIES: 100# EACH
(20 BATTERIES MAX - 2,000 POUNDS MAX WEIGHT)
CABINET MAX WEIGHT: 2,245#

2

H-FRAME TO JUNCTION BOX



ELEVATION VIEW

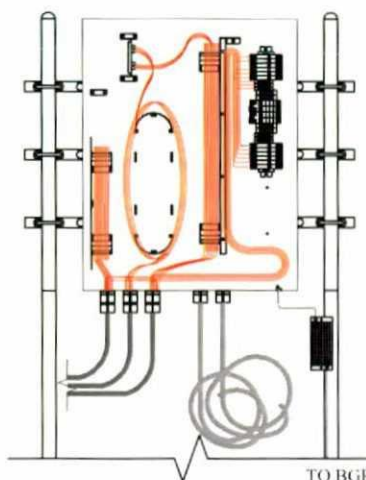


PLAN VIEW

SECTION A - A

3

DISTRIBUTION BOX INSTALL COMPLETE VIEW



NOTES:
DISTRIBUTION BOX IS KITTED WITH 50' OF 1 1/2" LIQUID-TIGHT CONDUIT AND CONNECTORS. THIS SHOULD BE:

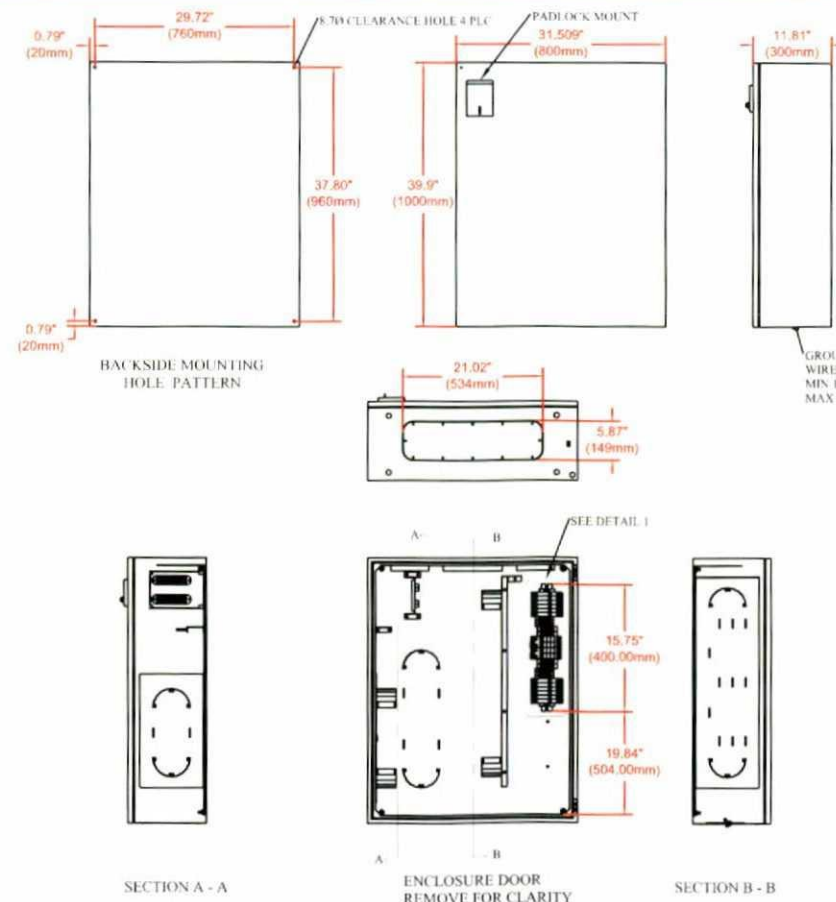
- SPLIT IN HALF (25' PER).
- TERMINATED TO THE DISTRIBUTION BOX AS SHOWN
- RAN TO AND COILED AS CLOSE TO WHERE THE CABINET IS GOING TO BE MOUNTED AS POSSIBLE.

DISTRIBUTION BOX IS KITTED WITH 2AWG. POWER CABLE 35' X 2 EA. RUNS RED AND 2 EA. RUNS BLACK. THIS SHOULD BE COILED AND LEFT INSIDE DISTRIBUTION BOX.

BTS INSTALLATION TEAM WILL TERMINATE LIQUID-TIGHT, RUN THE FIBER JUMPERS AND POWER CABLES FROM BTS CABINET TO DISTRIBUTION BOX.

TO BGR

4

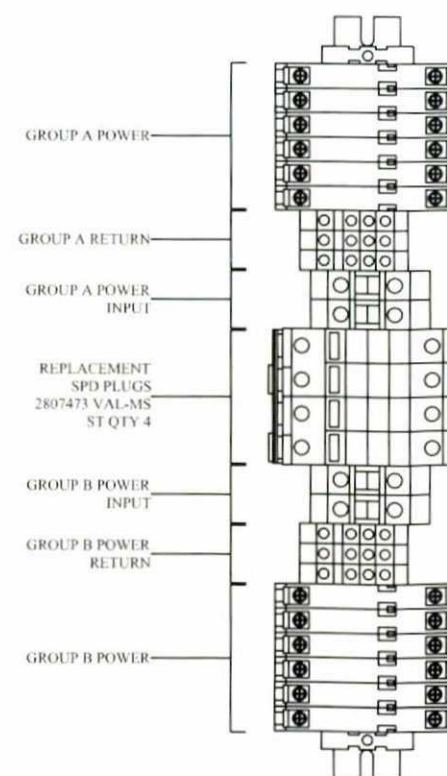


SECTION A - A

ENCLOSURE DOOR REMOVE FOR CLARITY

SECTION B - B

JUNCTION BOX



POWER: 25A BREAKER
14-6 AWG
20 LBS-IN TORQUE
RETURN: UK 10-TWIN, BLUE
14-6 AWG
13-16 LBS-IN TORQUE
POWER INPUT: UT 35, GRAY-BLUE
16 - 1/0 AWG
28-33 LBS-IN TORQUE

REPLACEMENT
SPD PLUGS
2807473 VAL-MS
ST QTY 4

DETAIL 1

5



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PROJECT INFORMATION

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DETAIL SHEET

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B

ISOMETRIC VIEW

1900MHz RRH (65MHz)

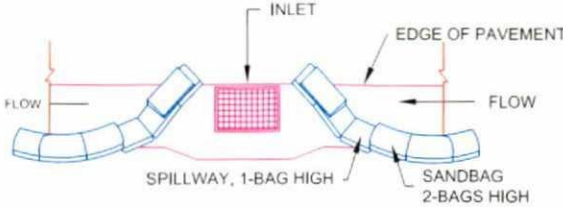
Product Description:
This Remote Radio Head (RRH) supports the 1900MHz spectrum with a Quad Transmit and Quad Receiver configuration supporting 4x45W of output power in a dual head configuration

- Features / Benefits:
- Supports up to 6 carriers of CDMA in the 1900MHz -spectrum and is hardware ready for 4x4 LTE MIMO (dual technology)
 - Supports up to 8 carriers of CDMA (single technology)
 - Supports AISG
 - 48V DC may be powered from Alcatel-Lucent cabinet
 - Supports Hybriflex fiber / power cable bundle

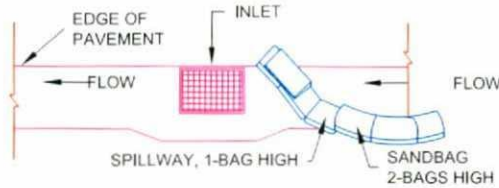
Physical Dimensions (HxWxD):	25" x 11.1" x 11.4"
Weight:	60 pounds
Output Power:	4x45W (180W Total)
Frequency Range:	1930-1995MHz Tx / 1850 - 1915 Rx
Consumed Power (Typ):	680W
Instantaneous Bandwidth:	65 MHz
Rx Noise Figure:	3.0dB
Antenna Interface:	7/16 DIN Female
Operating Temperature Range:	-40C to +55C
Supports AISG 2.0	

6

STORMDRAIN INLET PROTECTION



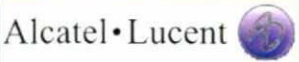
TYPICAL PROTECTION FOR INLET WITH OPPOSING FLOW DIRECTIONS



TYPICAL PROTECTION FOR INLET WITH SINGLE FLOW DIRECTION

- NOTES:
1. INTENDED FOR SHORT - TERM USE.
 2. USE TO INHIBIT NON - STORM WATER FLOW.
 3. ALLOW FOR PROPER MAINTENANCE AND CLEANUP.
 4. BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED.
 5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.

7



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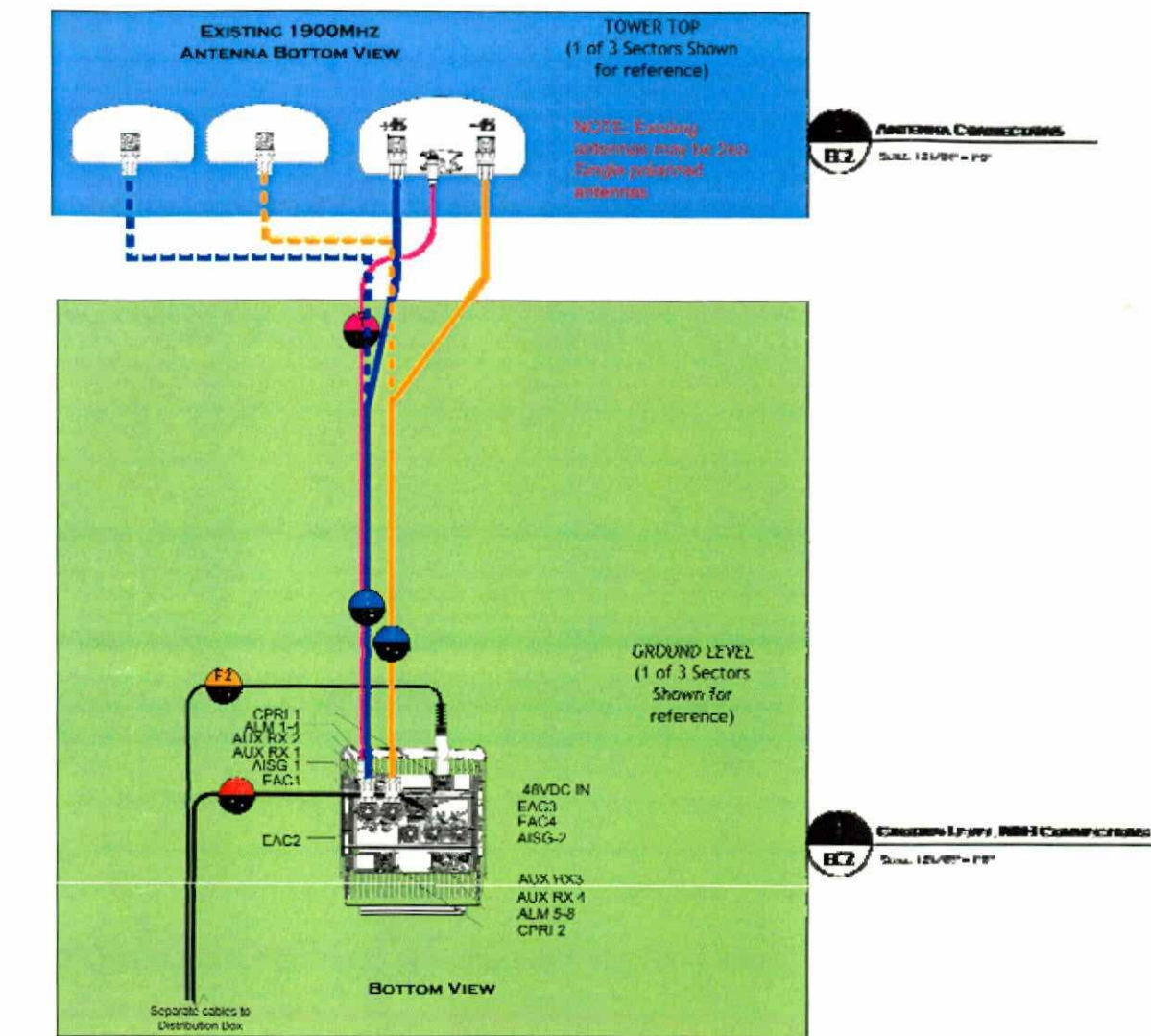
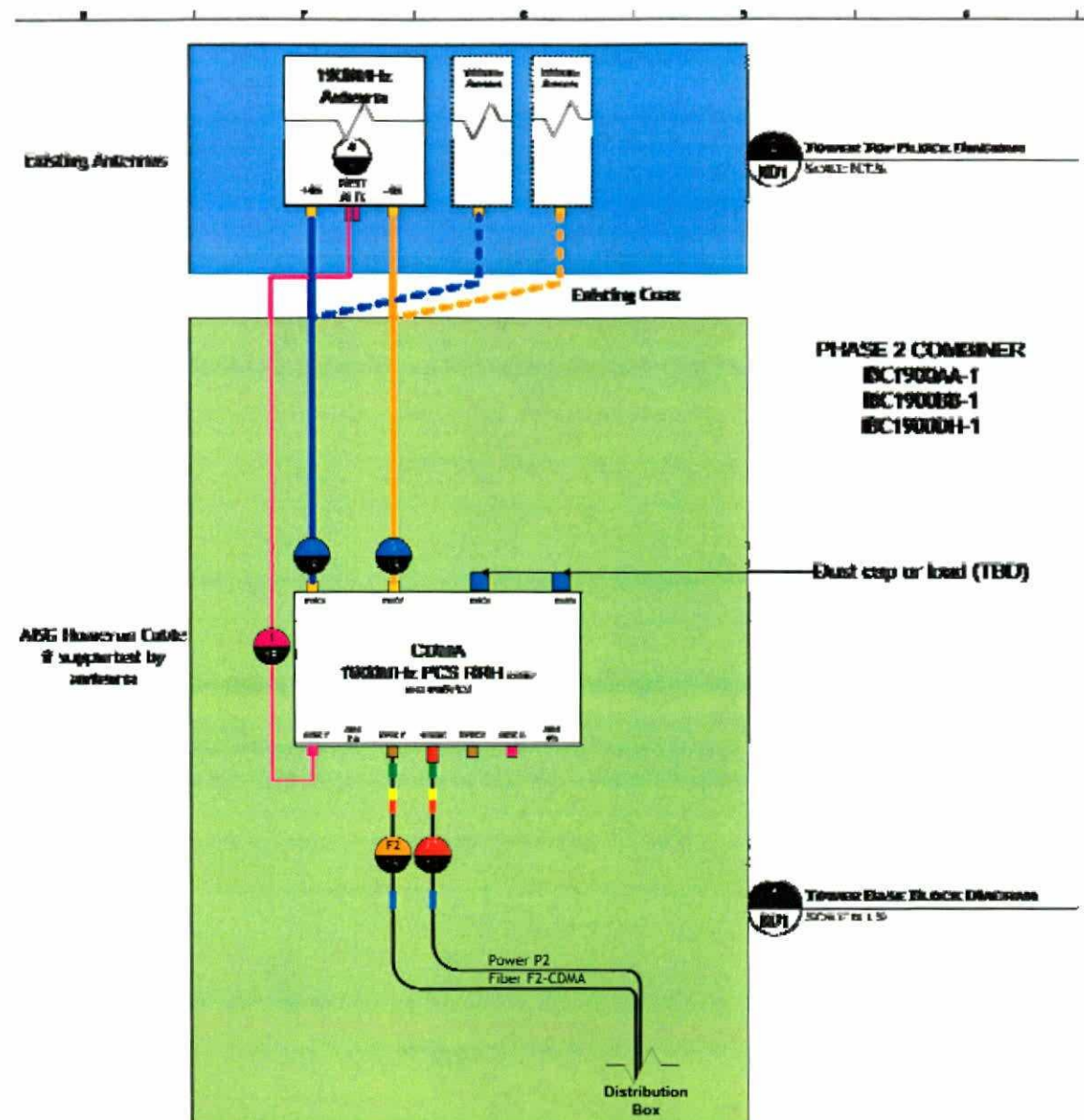
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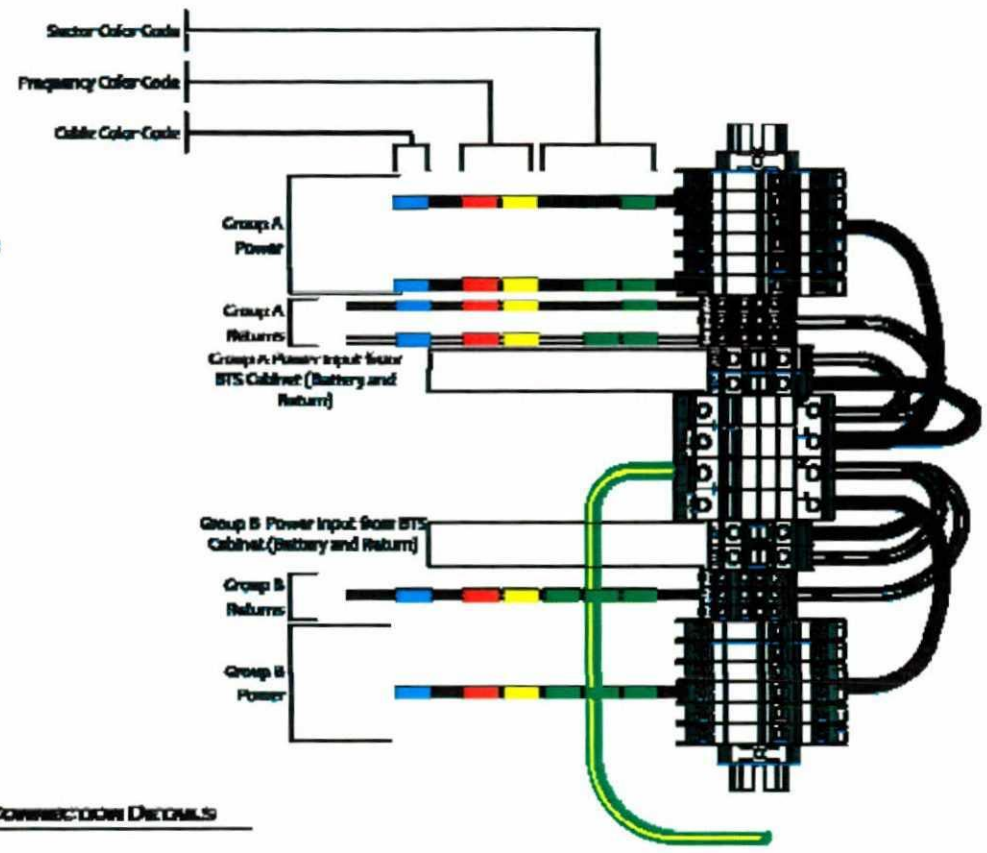
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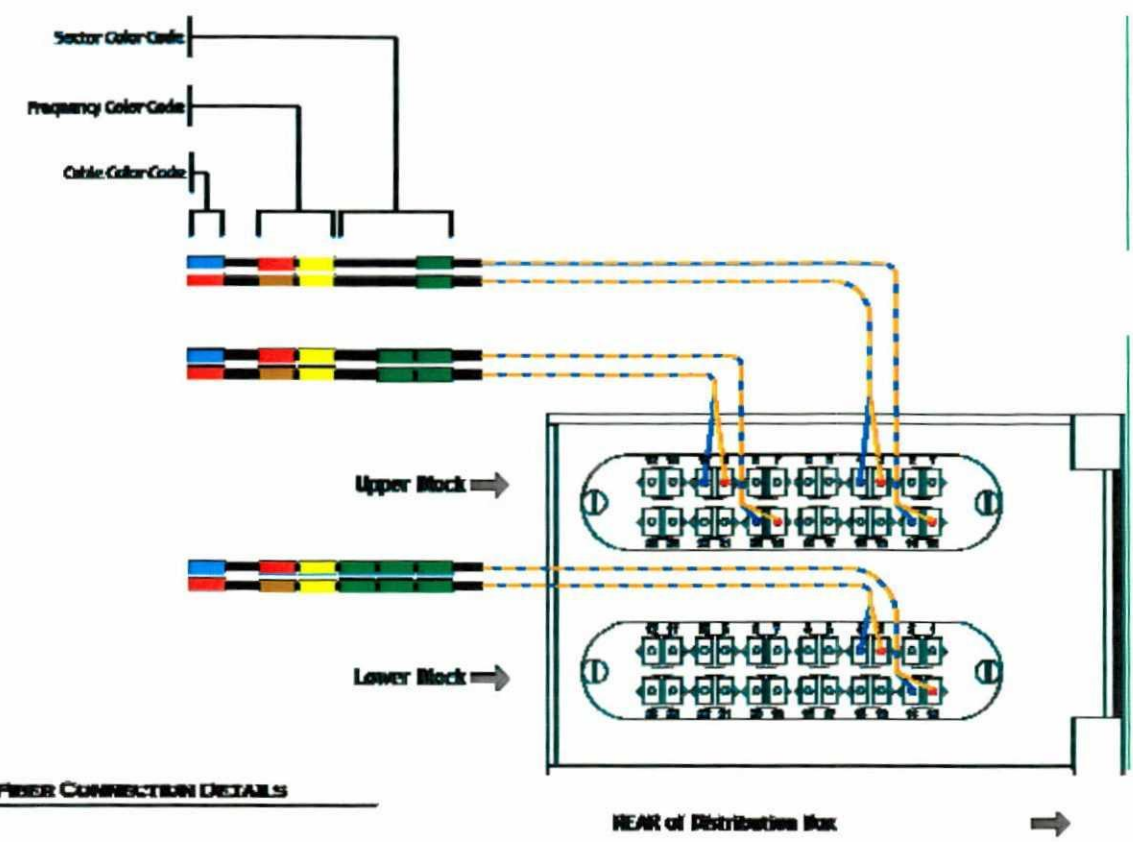
T-10

B

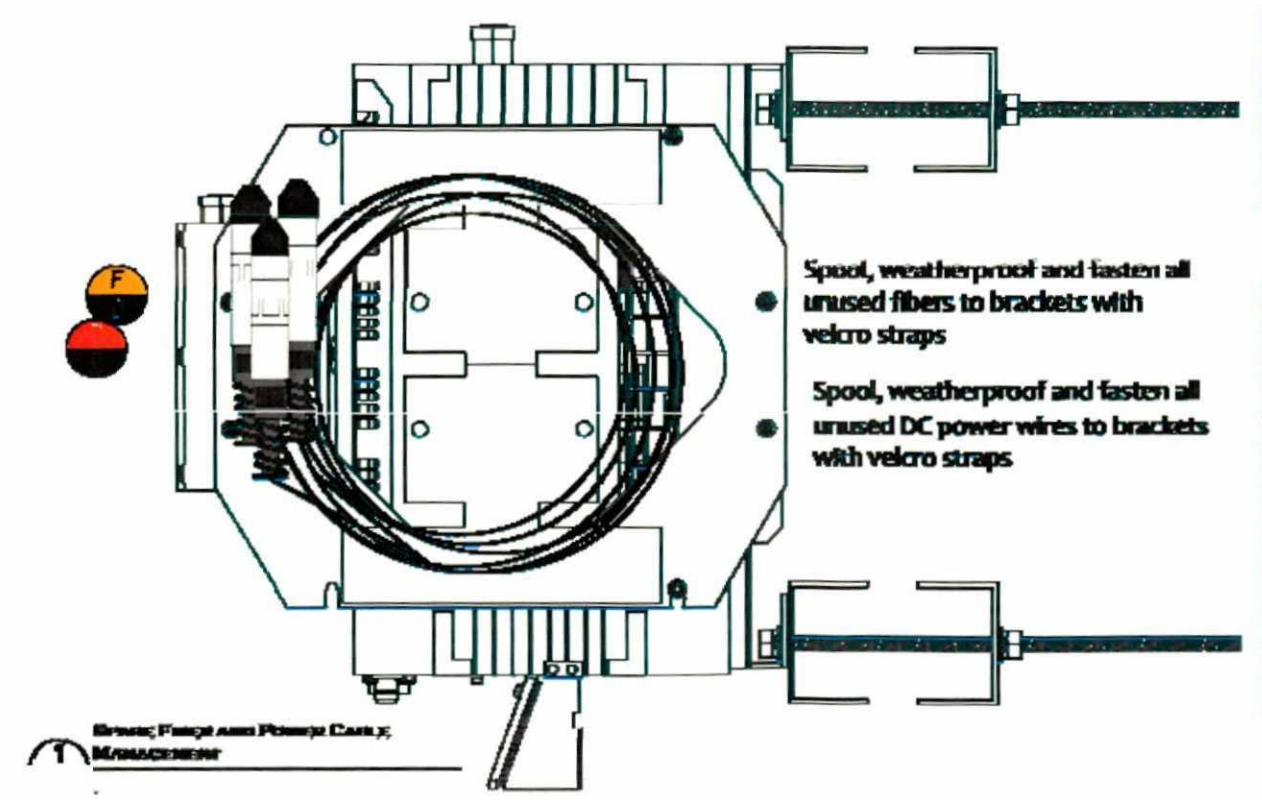
DC Power Wire Sizes
0-50' - #10AWG
50'+ - #8AWG



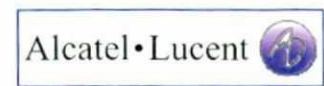
DC POWER CONNECTION DETAILS



FIBER CONNECTION DETAILS



Spool, weatherproof and fasten all unused fibers to brackets with velcro straps



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T-11	B